

KwikDraw · DETECTOR TUBES AND PUMPS · SHORT-TERM DETECTOR TUBE

KwikDraw Gas Detection Tubes

Series: KwikDraw Gas Detection Tubes



KwikDraw detector tubes, formerly MSA/AUER tubes, test more than 200 hazardous gases and vapours. The tube is connected to a bellows-type pump that draws a known volume of air with each stroke; the sensing chemical changes colour if the target gas is present and the stain length is read on the printed scale of most tubes. The tubes are pre-calibrated. The KwikDraw Deluxe pump and Gas Tester II have an automatic stroke counter and end-of-stroke indicator.

- 01 More than 200 hazardous gases and vapours
- 02 Formerly MSA/AUER detector tubes
- 03 Pre-calibrated
- 04 Bellows pump draws a known volume per stroke
- 05 Workplace and confined-space air monitoring: petrochemical and refineries, pharmaceutical, chemical and fertilizer, fumigation, food, pulp and paper, power and steel plants, municipalities, environmental monitoring

Technical data

BRAND	KwikDraw
MODEL	KwikDraw Gas Detection Tubes
COMPATIBLE ITEMS	KwikDraw Deluxe · Gas Tester II

Tube list

ORDER CODE	TUBE NAME	MEASURING RANGE	EXTENDED RANGE	SUBSTANCE
D5086813	Formaldehyde-0.1	5-50	—	Acetaldehyde
D5086821	Acetic Acid-1	5-80	1-80	Acetic Acid
D5085822	CO-0.1%	400-8300	—	Acetylene
D5086829	Acetone-100	100-10000	—	Acetone
D5086837	MEK-50	25-3500	—	Acetone

ORDER CODE	TUBE NAME	MEASURING RANGE	EXTENDED RANGE	SUBSTANCE
10017882	Acrolein-0.1	0.1-10	—	Acrolein
10016376	Acrylonitrile-0.5	0.5-30	—	Acrylonitrile
D5086818	Ethanol-100	100-6000	—	Alcohols
D5086816	Triethyl Amine-5	5-30	—	Amines
D7086893	NH3-0.25	0.25-3	—	Ammonia
D5085845	NH3-2	100-600	2-600	Ammonia
D7085845	NH3-2 RH	20-600	2-600	Ammonia
D5085814	NH3-20	20-4000	—	Ammonia
D5086859	NH3-100	100-2000	—	Ammonia
D5085815	NH3-0.1%	0.1...10 %	0.5 – 10 VOL%	Ammonia
D5085755	NH3-A	Warning Marks	—	Ammonia
D5085914	NH3-20 (200 tubes)	20...1400	—	Ammonia
D5086816	Triethyl Amine-5	0.25-3	—	Ammonia
D7086898	Aniline-0.5	0.5-30 ppm	2-30 ppm	Aniline
10072098	Arsine-0.05	0.05-1	—	Arsine
D5086852	Benzene-0.25 [specific]	0.25...10	0.5 – 10 PPM	Benzene
D7086896	C6H6-0.25 /a [Specific]	0.25-10	2 – 10 PPM	Benzene
D5086835	C6H6-1	1-25	5-100	Benzene
D5085816	C6H6-5	5-100	—	Benzene
D5086811	Aromatic HC	5-500	—	Benzene
D5085770	Aromaten-A	Warning Marks	—	Benzene
D5085801	Cl2-0.2	0.2-3	—	Bromine
D5086811	Aromatic HC	20.....250	20 – 250 PPM	Bromobenzene
D5086834	Trichloroethan-5	15-400	—	Bromoethane
D5086845	Methyl Bromid-2	1...140	10 – 140 PPM	Bromomethane
D5086847	Methyl Bromid-200	200...20000	200 – 8000 PPM	Bromomethane
D5086834	Trichloroethan-5	20-270	—	Bromomethane
D5086833	Ethylene-50	100-1200	—	Butadiene,1.3-
D5086831	Propane-200	200-3800	—	Butane
D5085773	Alcohol-A	Warning Marks	—	Butyl Alcohol
D5086818	Ethanol-100	150-2900	—	Butyl Alcohol
D5086816	Triethyl Amine-5	3-36	—	Butyl Amine

ORDER CODE	TUBE NAME	MEASURING RANGE	EXTENDED RANGE	SUBSTANCE
D5086815	Ethyl Mercaptan-0.5	1.5-15	—	Butyl Mercaptan
D5085769	Benzin-A	Warning Marks	—	Butene
D5086833	Ethylene-50	100-5000	—	Butene
D5086814	CO2-100	100-3000	—	Carbon Dioxide
D5085817	CO2-0.1%	0.1...7 %	0.5 – 7 VOL%	Carbon Dioxide
D5086844	CO2-0.5%	0.5-10%	—	Carbon Dioxide
D5085841	CO2-1%	1-20%	—	Carbon Dioxide
D5085848	CO2-HP	100-2000	—	Carbon Dioxide
D5085758	CO2-A	Warning Marks	—	Carbon Dioxide
D7086902	CO2-HP (NaOH based)	100...2000	—	Carbon Dioxide
D5085834	CS2-2	10-300	2-300	Carbon Disulfide
D5085836	CO-5	50-1000	5-1000	Carbon Monoxide
D5085936	CO-5(200 tubes)	5-1000	—	Carbon Monoxide
D5085821	CO-10 [ppm]	10...3000	100 – 3000 PPM	Carbon Monoxide
D5085820	CO-10%	0.001...0.3 %	0.01 – 0.3 VOL%	Carbon Monoxide
D5085822	CO-0.1%	0.1-1%	—	Carbon Monoxide
D5086839	CO-3000	3000-70000	—	Carbon Monoxide
D5085835	CO-0.5%	0.3-7%	—	Carbon Monoxide
D5085847	CO-HP	5-70	—	Carbon Monoxide
D5085759	CO-A	Warning Marks	—	Carbon Monoxide
D5086810	CO-Colorimetric	—	—	Carbon Monoxide
D7086890	CO in Hydrogen	8-150	—	Carbon Monoxide in H2
D5085801	Cl2-0.2	0.2-30	—	Chlorine
D5086812	ClO2-0.05	0.25-15	1-46	Chlorine
D5086855	Cl2-50	50-500	—	Chlorine
D5085757	Cl2-A	Warning Marks	—	Chlorine
D5086812	ClO2-0.05	0.05-15	—	Chlorine Dioxide
D5086811	Aromatic HC	40-610	—	Chlorobenzene
D5093811	Chlorbenzol-10	10-140	—	Chlorobenzene
D5085771	CKW-A	Warning Marks	—	Chlorobenzene
D5086834	Trichloroethane-5	5-180	—	Chlorobromomethane
D5086834	Trichloroethane-5	5-170	—	Chlorobutane

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D5086834	Trichloroethane-5	50-800	—	Chloroethane
D5086834	Trichloroethane-5	5-550	—	Chloropentane
D5086834	Trichloroethane-5	5-220	—	Chloropropane
D5086832	Hexane-20	80-3300	—	Cycloheptane
D5085769	Benzin-A (Gasoline-A)	Warning Marks	100 PPM	Cyclohexane
D5086832	Hexane-20	20-3400	—	Cyclohexane
D7086897	Cyclohexane-40	40-3000 ppm	40-200 ppm	Cyclohexane
D7086889	Cyclohexane-100	100-1500 ppm	—	Cyclohexane
D5086816	Triethyl Amine-5	7-38	—	Cyclohexyl Amine
D5086832	Hexane-20	20-2100	—	Cyclooctane
D5086832	Hexane-20	80-2700	—	Cyclopentane
D5086832	Hexane-20	50-500	—	Decane
D5086834	Trichloroethane-5	25-700	—	Dibromoethane
D5086834	Trichloroethane-5	8-300	—	Dichloroethane
D5085771	CKW-A	Warning Marks	—	Dichloroethane
D5086834	Trichloroethane-5	10-600	—	Dichloroethylene
D5085823	Dichloromethane-50	100-1000	50-1000	Dichloromethane
D5085772	Dichloromethane-A	Warning Marks	—	Dichloromethane
D5086834	Trichloroethane-5	5-440	—	Dichloropropane
D5086816	Triethyl Amine-5	3-27	—	Diethyl Amine
D5086816	Triethyl Amine-5	3-27	—	Dimethyl Amine
D5086832	Hexane-20	100-4900	—	Dimethylbutane
D5086861	Hydrazine-0.1	0.1-3	0.5-10	Dimethyl Hydrazine
10024253	Ethyl Acetate-200	200-3000	—	Ethyl Acetate
D5085773	Alcohol-A	Warning Marks	—	Ethyl Alcohol
D5086818	Ethanol-100	100-6000	—	Ethyl Alcohol
D5086816	Triethyl Amine-5	4-55	—	Ethyl Amine
D5085770	Aromaten-A	Warning Marks	—	Ethyl Benzene
D5085828	Tol.-5	5-1800	—	Ethyl Benzene
D5086815	Ethyl Mercaptan-0,5	0.5...100	10 – 100 PPM	Ethyl Mercaptan
D5086833	Ethylene-50	25-5000	—	Ethylene
D5085769	Benzin-A	Warning Marks	—	Ethylene

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D5086816	Triethyl Amine-5	5-27	—	Ethylene Diamine
D7086887	Ethylene Glycol-10	10-180 mg/m3	—	Ethylene Glycol
D5085807	BNZ-Test	Qualitative	—	Extraction Gasolines
D7086862	Formaldehyde-0.1	0.2-2.5	0.1-2.5	Formaldehyde
D5086821	Acetic Acid-1	2-160	—	Formic Acid
D5086838	Phenol-1	170-1500	—	Furfuryl Alcohol
D5085898	Gasoline-30	30-6000	—	Gasoline
D7086865	Gasoline-100	100 – 3000 mg/m3	—	Gasoline
D5085807	BNZ-Test	Warning Marks	—	Gasoline
D5086769	Benzin-A (Gasoline-A)	Warning Marks	100 PPM	Gasoline
D5086832	Hexane-20	20-2600	—	Heptane
D5085769	Benzin-A	Warning Marks	—	Heptane
D5085807	BNZ-Test	Warning Marks	—	Hexane
D5086832	Hexane-20	20-3200	—	Hexane
D5085769	Benzin-A	Warning Marks	—	Hexane
D7086891	Hydrocarbon-0.1%	0.1-1.3%	—	Hydrocarbon
D7086888	Hydrocarbon-2	2-24 mg/l	—	Hydrocarbon
D7086895	Hydrogen-0.2%	0.2-3%	—	Hydrocarbon
D5085846	HCl-1	5-50	1-50	Hydrogen Chloride
D5086858	HCl-50	50-500	50-5000	Hydrogen Chloride
D5085762	HCl-A	Warning Marks	—	Hydrogen Chloride
D5086861	Hydrazine-0.1	0.05-10	—	Hydrazine
D5085824	HCN-2	2...50	5 – 50 PPM	Hydrogen Cyanide
D5085756	HCN-A	Warning Marks	—	Hydrogen Cyanide
D5086830	HF-1	1...50	5 – 50 PPM	Hydrogen Flouride
D7086880	H2O2-0.1	0.1-3	—	Hydrogen Peroxide
10023818	H2S-0.1	0.1-6	—	Hydrogen Sulfide
D5085826	H2S-1	1-200	—	Hydrogen Sulfide
D7086877	H2S-1C	10-200	1-200	Hydrogen Sulfide
D7086882	H2S-2M	2-200	—	Hydrogen Sulfide
D7086873	H2S-2	2-600	—	Hydrogen Sulfide
D5085827	H2S-100	100-4000	—	Hydrogen Sulfide

ORDER CODE	TUBE NAME	MEASURING RANGE	EXTENDED RANGE	SUBSTANCE
D5086857	H2S-0.4%	0.1-4%	—	Hydrogen Sulfide
D7000003	H2S-0.2%	0.2-7%	—	Hydrogen Sulfide
D7000903	H2S-0.2%(200 tubes)	0.2-7%	—	Hydrogen Sulfide
D7086866	H2S-2%	2-40%	—	Hydrogen Sulfide
D5085764	H2S-A	Warning Marks	—	Hydrogen Sulfide
D7086894	H2S+SO2 0.2%	0.02-0.07%	0.2-7%	Hydrogen Sulfide
D5086831	Propane-200	200-4200	—	Isobutane
D5086816	Triethyl Amine-5	3-36	—	Isobutyl Amine
D5086832	Ethylene-50	400-2600	—	Isobutylene
D5086837	MEK-50	50-400	—	Isobutyl Methyl Ketone
D5086832	Hexane-20	100-3000	—	Isooctane
D5086816	Triethyl Amine-5	5-30	—	Isopropyl Amine
D5086815	Ethyl Mercaptan-0.5	0.5-5.5	—	Isopropyl Mercaptan
D5085807	BNZ-Test	Warning Marks	—	Kerosine
D5085810	QL	Qualitative	—	Kerosine
D5085810	QL	Qualitative	—	Ketones
D5085807	BNZ	Warning Marks	—	Light Fuels
D5085898	Gasoline-30	30-6000	—	Ligroin
D5085810	QL	Qualitative	—	Ligroin
D5085807	BNZ	Warning Marks	—	Ligroin
D5086831	Propane-200	200-4000	—	Liquid Petroleum Gas
D5085810	QL	Qualitative	—	Liquid Petroleum Gas
D5086815	Ethyl Mercaptan-0.5	0.5-100	—	Mercaptans
D5085843	Hg-0.01	0.1-0.8 mg/m3	—	Mercury
D5086846	Erdgas	Warning Marks	—	Methane
D5086818	Ethanol-100	100-2350	—	Methyl Alcohol
D5094818	Methyl Alcohol-100	100-2500	—	Methyl Alcohol
D5085773	Alcohol-A	Warning Marks	—	Methyl Alcohol
D5086816	Triethyl Amine-5	4-55	—	Methyl Amine
D5086845	Methyl Bromide-2	1...140	10 – 140 PPM	Methyl Bromide
D5086847	Methyl Bromide-200	200...20000	200 – 8000 PPM	Methyl Bromide
D7086878	Methyl Bromide-0.2	2-8	0.2-8	Methyl Bromide

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D5086832	Hexane-20	50-3000	—	Methyl Butane
D5086832	Hexane-20	80-4900	—	Methyl Cyclohexane
D5086832	Hexane-20	150-3700	—	Methyl Cyclopentane
D5086837	MEK-50	50-4000	—	Methyl Ethyl Ketone
D5086861	Hydrazine-0.1	0.2-4	—	Methyl Hydrazine
D5086815	Ethyl Mercaptan-0.5	0.5-5	—	Methyl Mercapton
10017882	Acrolein-0.1	1.5...115	—	Methyl Methacrylate
D5086832	Hexane-20	150-4500	—	Methyl Pentane
10040887	Oil-HP	Warning Marks	—	Mineralic Oil[Compressor Oil]
D7094870	Multigas-I	Color Marks	—	Multigas
D7094871	Multigas-IV	Color Marks	—	Multigas
D5086846	Erdgas	Warning Marks	—	Natural Gas
D5085805	NO2-0.5	0.5-50	—	Nitrogen Dioxide
D5085867	NO2-2	2...140	5 – 140 PPM	Nitrogen Dioxide
D5085818	Nitr-0.5	0.5-50	—	Nitrous Fumes
D5085844	Nitr-2	2...140	5 – 140 PPM	Nitrous Fumes
D5085808	Nit-10	10-300	—	Nitrous Fumes
D5085809	Nitr-50	50-3000	—	Nitrous Fumes
D5085760	Nitr-A	Warning Marks	—	Nitrous Fumes
D5085818	Nitr-0.5	0.5-50	—	Nitrous Fumes
D5086850	Nitr-HP	0.2-2.5	0.2-6	Nitrous Fumes
D7086863	NO2-2.5 & NO-2.5	2.5-200	—	NO2+NO
D5086832	Hexane-20	50-2800	—	Nonane
D5085769	Benzin-A	Warning Marks	—	Nonane
D5086832	Hexane-20	50-3000	—	Octane
D5085769	Benzin-A	Warning Marks	—	Octane
D7086876	Petroleum Hydrocarbon-10	10-2500	—	Octane
D5085810	QL	Qualitative	—	Other Organic Compounds
D5086828	Ozone-0.05	0.5-5	0.05-5	Ozone
D7086864	Oxygen-3	3-24%	—	Oxygen
D5086834	Trichlorethane-5	10-300	—	Pentachlorethane
D5086832	Hexane-20	50-3900	—	Pentane

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D5085769	Benzin-A	Warning Marks	—	Pentane
D5085898	Gasoline-30	30...6000	300 – 6000 PPM	Petroleum Distillates
D5085810	QL	Qualitative	—	Petroleum Distillates
D5085807	BNZ	Warning Marks	—	Petroleum Distillates
D7086876	Petroleum Hydrocarbon-10	10-2500	—	Petroleum Hydrocarbon(n-Octane)
D5085807	BNZ	Warning Marks	—	Petroleum Ether
D5086838	Phenol-1	1-15	1-25	Phenol
D5085854	Phosgene-0.1	1-20	0.1-20	Phosgene
D5085761	Phosgene-A	Warning Marks	—	Phosgene
D5085829	PH3-0.05	0.05...3.0	0.1 – 3 PPM	Phosphine
D5085830	PH3-0.1	0.1-100	—	Phosphine
D5085831	PH3-50	50-2000	—	Phosphine
D5086831	Propane-200	200-4000	—	Propane
D5086818	Ethanol-100	200-5000	—	Propyl Alcohol
D5085773	Alcohol-A	Warning Marks	—	Propyl Alcohol
D5086816	Triethyl Amine-5	5-30	—	Propyl Amine
D5086815	Ethyl-Mercaptane-0.5	0.7-8	—	Propyl Mercaptan
D5086833	Ethylene-50	20-5000	—	Propylene
D5085769	Benzin-A	Warning Marks	—	Propylene
D5086819	Styrene-10	10-300	—	Styrene
D5085803	SO2-1	2-30	0.5-30	Sulfur Dioxide
D5085813	SO2-5	5...200	20 – 200 PPM	Sulfur Dioxide
D5085825	SO2-100	100...4000	500 – 4000 PPM	Sulfur Dioxide
D5085763	SO2-A	Warning Marks	—	Sulfur Dioxide
D5085838	SF6	0.1-15	—	Sulfur Flouride
D5086834	Trichloroethane-5	5-200	—	Tetrabromoethane
D5086834	Trichloroethane-5	50-1000	—	Tetrachloroethane
D5085865	Per-5	5-200	10-500	Tetrachloroethylene
D5085771	CKW-A	Warning Marks	—	Tetrachloroethylene
D5085828	Tol-5	5-1000	—	Toluene
D5086811	Aromatic HC	25-300	30-750	Toluene
D5085770	Aromatic-A	Warning Marks	—	Toluene

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D5086834	Trichloroethane-5	7-200	—	Tribromomethane
D5086834	Trichloroethane-5	5-1500	—	Trichloroethane
D5094834	1.1.2-Trichloroethane	10...170	—	Trichloroethane
D5085842	Tri-5	5...250	20 – 250 PPM	Trichloroethylene
D5085771	CKW-A	Warning Marks	—	Trichloroethylene
D5086834	Trichloroethane-5	8-100	—	Trichloromethane
D5086834	Trichloroethane-5	10-1200	—	Trichloropropane
D5086816	Triethyl Amine-5	5-30	—	Triethyl Amine
D5086816	Triethyl Amine-5	5-30	—	Trimethyl Amine
D5086832	Hexane-20	100-3000	—	Trimethyl Pentane
D5085837	VC-1	1...200	10 – 200 PPM	Vinyl Chloride
D5085771	CKW-A	Warning Marks	—	Vinyl Chloride
D5085849	H2O-HP[mg/m3]	5-160 mg/m3	—	Water Vapour
D5085851	H2O-HP[ppm]	10-200	—	Water Vapour
D7086872	H2O-HP[mg/m3]	5-200 mg/m3	—	Water Vapour
D5086851	H2O-MP	100-1000 mg/m3	—	Water Vapour
D5086849	H2O[r.h.%]	10-100% r.h.	—	Water Vapour
D7086875	H2O-1	1-40 mg/l	—	Water Vapour
D7086879	H2O-0.1	0.1-2 mg/l	—	Water Vapour
D7086892	H2O-3	3-60 lb/mmcf	—	Water Vapour
D7086900	H2O-HP-20[mg/m3]	20...1500 mg/m3	35-500 mg/m3	Water Vapour
D5086811	Aromatic HC	10....800	10 – 800 PPM	Xylene
D7086874	Xylene-10	10-400	—	Xylene
D5085828	Tol-5	5-2500	—	Xylene
D5085770	Aromatic-A	Warning Marks	—	Xylene

Areas of use

Petrochemical / refinery · Chemical · Food · Energy · Metal / welding